# UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 6,828,270 B1

: December 7, 2004

DATED

INVENTOR(S) : Zhang et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Title page,

Item [73], Assignee, after "Samsung Atofina", please insert -- GmBH & --.

#### Column 1,

Line 55, delete "At)".

#### Column 2,

Lines 7-8, delete

"Si-OH + HO-R-OH → Si-R-OH → Si-O-R-O...Metallocene" and replace with

-- Si-OH + HO-R-OH → Si-O-R-OH → Si-O-R-O...Metallocene --.

#### Column 3,

Line 32, delete "(-SiO-Si-," and replace with -- (-Si-O-Si-, --.

Lines 47-48, delete "The binuclear catalyst is represented by the following formula (C), (D) or (E):".

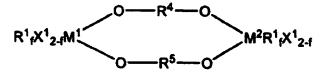
#### Column 4,

Line 32, insert a new paragraph after "supported catalyst.".

Line 35, insert a new paragraph after "organic supports.".

#### Column 5,

Lines 21-25, delete Formula (D)



and replace as follows:

$$R^{1}_{f}X^{1}_{2-f}M^{1}$$
 $O - R^{4} - O$ 
 $M^{2}R^{1}_{f}X^{1}_{2-f}$ 
 $O - R^{5} - O$ 

Lines 26-29, delete Formula (E):

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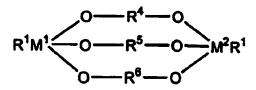
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## Column 5 (cont'd),

and replace as follows:



Line 32, after "Group IVB" insert -- R<sup>1</sup> --.

Line 40, delete "arvyalkylene" and insert -- arylalkylene --.

#### Column 8,

Line 30 delete "24" and insert -- 2-4 --.

Line 57, delete "bv" and insert -- by --.

Signed and Sealed this

Seventh Day of February, 2006

JON W. DUDAS
Director of the United States Patent and Trademark Office